

Claims

1. A method for communicating a secure electronic communication comprising:
generating a package using a non-browser application on a local computer, the
package configured for electronic transmission that includes an electronic mail
analogous interface, file data and an address associated with an addressee having a
5 public electronic mail account;
communicating the package from the local computer to a secure server over a
secure network connection over the public Internet;
storing the package at the server in association with the electronic mail account
of the addressee;
10 communicating the package to the addressee;
decrypting the package; and
displaying the package to the addressee.
2. The method of claim 1, further comprising encrypting the package at the local
computer of a sender.
3. The method of claim 2, wherein encrypting the package at the local computer of
the sender further includes using a public key to encrypt the package.
4. The method of claim 1, wherein decrypting the package further includes using a
private key associated with a public key previously used to encrypt the package.

5. The method of claim 1, further comprising storing the package as a draft package at the local computer prior to communicating the package to the secure server.
6. The method of claim 1, further comprising causing the addressee to be notified of the package using the public electronic mail account.
7. The method of claim 1, wherein communicating the package to the addressee further includes communicating the package using at least one of the secure network connection and a second secure network connection.
8. The method of claim 1, wherein generating the package further includes configuring the interface to be responsive to user input.
9. The method of claim 1, wherein generating the package further includes configuring the interface to display a status of the package.
10. The method of claim 1, wherein generating the package further includes adding additional file data to the package.
11. The method of claim 1, wherein generating the package further includes including a PCL file within the file data.

12. The method of claim 1, wherein displaying the package further includes downloading the package from the secure server.
13. The method of claim 1, wherein displaying the package further includes automatically downloading the package from the secure server.
14. The method of claim 1, further comprising compressing at least a portion of the package.
15. The method of claim 1, wherein communicating the package further includes communicating the package over a https socket layer connection.

16. A method for communicating a secure electronic communication comprising:
generating at a local computer using a non-browser application configured for
electronic transmission that includes an electronic mail analogous interface, an
encrypted package comprising file data and an address associated with an addressee
5 having a public electronic mail account; and
transmitting from the local computer the package over a secure network
connection over the public Internet.
17. The method of claim 16, further comprising storing the package in association
with an electronic mail account of the addressee.
18. The method of claim 16, further comprising communicating the package to the
addressee.

19. A method for communicating a secure electronic communication comprising:
- receiving over a secure network connection over the public Internet a package,
- using a non-browser application that includes an electronic mail analogous interface,
- the package configured for electronic transmission and comprising file data and an
- 5 address associated with an addressee having a public electronic mail account, wherein
- the package has been stored remotely at a secure server;
- decrypting the package; and
- displaying the package to the addressee.

20. A method for communicating a secure electronic communication comprising:
- generating a package for electronic transmission using a non-browser application that includes an electronic mail analogous interface;
 - encrypting the package;
 - 5 communicating the package from the local computer to a secure server over a secure network connection over the public Internet wherein the package is stored at the server and communicated to an addressee; and
 - communicating a confirmation of delivery status of the package from the secure server to the non-browser application at the local computer via a secure network
 - 10 connection over the public Internet.

21. An apparatus comprising:

a local computer;

a server computer configured to communicate with the local computer over a secure network connection; and

5 program code in communication with at least one of the local and server computers, the program code configured to generate a package using a non-browser application on the local computer, the package being configured for electronic transmission that includes an electronic mail analogous interface, file data and an address associated with an addressee having a public electronic mail account, the
10 program code being further configured to communicate the package from the local computer to the secure server over the secure network connection, and to store the package at the server in association with the electronic mail account of the addressee, the program code being further configured to decrypt and communicate the package to the addressee.

22. The apparatus of claim 21, wherein the secure network connection includes a https socket layer connection.

23. The apparatus of claim 21, wherein the program code initiates encrypting the package at the local computer of a sender.

24. The apparatus of claim 23, wherein the program code initiates using a public key to encrypt the package.
25. The apparatus of claim 21, wherein the program code initiates using a private key associated with a public key previously used to encrypt the package.
26. The apparatus of claim 21, wherein the program code initiates storing the package as a draft package at the local computer prior to communicating the package to the secure server.
27. The apparatus of claim 21, wherein the program code initiates causing the addressee to be notified of the package using the public electronic mail account.
28. The apparatus of claim 21, wherein the program code initiates communicating the package to the addressee using at least one of the secure network connection and a second secure network connection.
29. The apparatus of claim 21, wherein the interface is configured to display a status of the package.
30. The apparatus of claim 21, wherein the file data includes a PCL file.

31. The apparatus of claim 21, wherein the program code initiates automatically downloading the package from the secure server.

32. The apparatus of claim 21, wherein the program code initiates compressing at least a portion of the package.

33. An apparatus comprising:

a computer; and

program code in communication with the computer, the program code using a non-browser application and including an electronic mail analogous interface

5 configured to receive from a remote computer over a secure network connection over the public Internet an encrypted package comprising file data and an address associated with an addressee having a public electronic mail account, the program code being further configured to store the package in association with an electronic mail account of the addressee and to communicate the package to the addressee.

34. An apparatus comprising:

a computer; and

program code in communication with the computer, the program code configured to receive over a secure network connection over the public Internet a package generated using a non-browser application that includes an electronic mail analogous interface, the package being configured for electronic transmission and comprising file data and an address associated with an addressee having a public electronic mail account, wherein the package has been stored remotely at a secure server, the program code further configured to decrypt and display the package.

35. An apparatus comprising:

a computer; and

program code in communication with the computer, the program code

configured to generate a package using a non-browser application that includes an

5 electronic mail analogous interface, the package being configured for electronic

transmission, the program code further being configured to encrypt the package and to

communicate the package from the computer to a secure server over a secure network

connection over the public Internet, wherein the package is stored at the server and

communicated to an addressee, wherein the program code is further configured to

10 communicate a confirmation of delivery status of the package from the secure server to

the non-browser application at the local computer via a secure network connection

over the public Internet.

36. A program product, comprising:

program code in communication with at least one of a local and a server computer, the program code configured to generate a package using a non-browser application that includes an electronic mail analogous interface on the local computer,
5 the package being configured for electronic transmission comprising file data and an address associated with an addressee having a public electronic mail account, the program code being further configured to communicate the package from the local computer to the secure server over a secure network connection, and to store the package at the server in association with the electronic mail account of the addressee,
10 the program code being further configured to decrypt and communicate the package to the addressee; and

a signal bearing medium bearing the program code.

37. The program product of claim 36, wherein the signal bearing medium includes at least one of a recordable medium and a transmission-type medium.